

WINDOW ATTACHMENT SYSTEM AND METHOD

ABSTRACT OF THE DISCLOSURE

A readily attachable window assembly for efficient installation and maintenance of aircraft windows is provided. The aircraft has a sidewall having an inner perimeter that defines an opening. The window assembly includes an outer window frame. A center window frame is attached to the outer window frame, and an inner window frame is attached to the center window frame. The inner window frame is readily attachable to the sidewall adjacent to the opening of the inner perimeter. The inner window frame includes a releasable coupling mechanism that includes first and second engaging mechanisms that positionally lock the first mechanism to the second mechanism via a torsion spring assembly and engageable teeth of each mechanism. The first engaging mechanism is locked onto the sidewall when torque is applied through at least one pinhole. The window assembly is disengaged by disengaging the first and second engaging mechanisms via a disengagement tab.

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